

ABSTRACT

The invention pertains to a device for the 3D free-form bending of profiles with arbitrary, but constant outside dimensions over the profile length, particularly hollow profiles, wherein the profile to be bent has a longitudinal axis and is moved through the through-opening of a guide element adjoining the profile surface and a bending sleeve that is arranged downstream of the guide element referred to the feed direction and held in a carrier element in a feed direction that extends parallel to the longitudinal axis, namely by means of a feed unit that contains a rotary drive. The bending sleeve can be pivoted about an axis that extends perpendicular to the feed direction and displaced perpendicular to the longitudinal axis of the profile. When turning the profile about its longitudinal axis by means of the feed unit, the guide element and the bending sleeve can be turned with the profile.